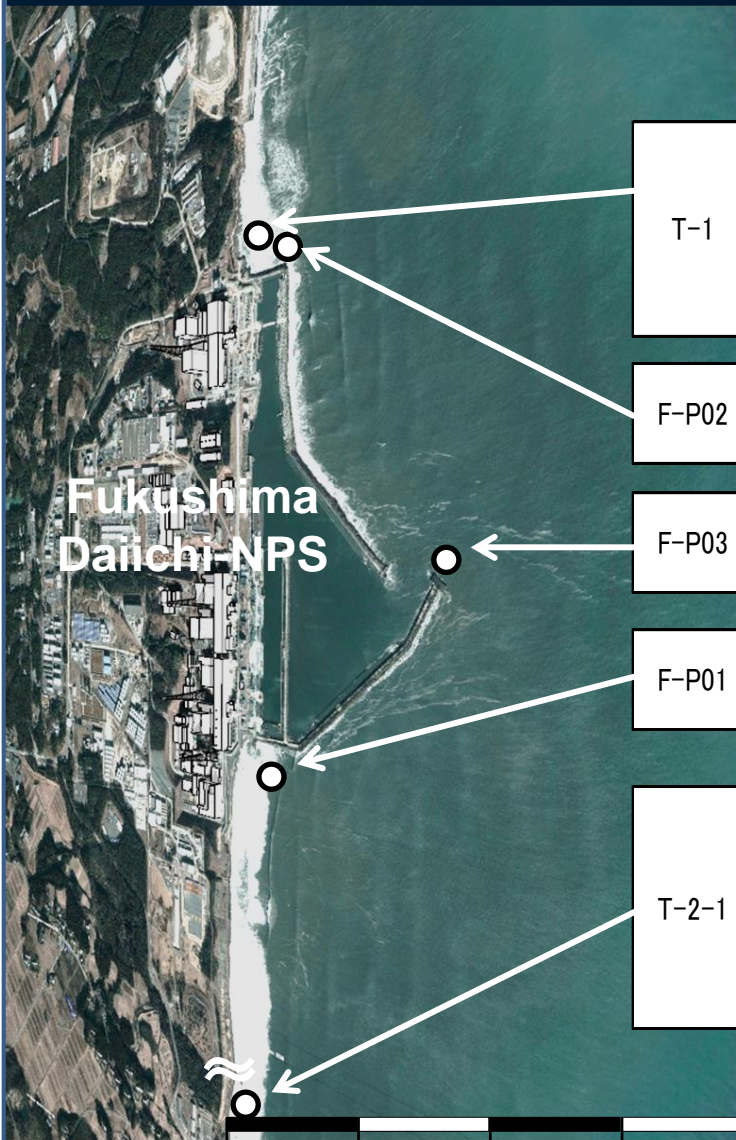


# Sea Area Monitoring

August 25, 2016

Nuclear Regulation Authority (NRA), Japan

# Sea area within 2km radius from the NPS (1)



Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Gross $\alpha$	Pu-238	Pu-239+Pu-240
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Sea water radioactivity (Bq/L):

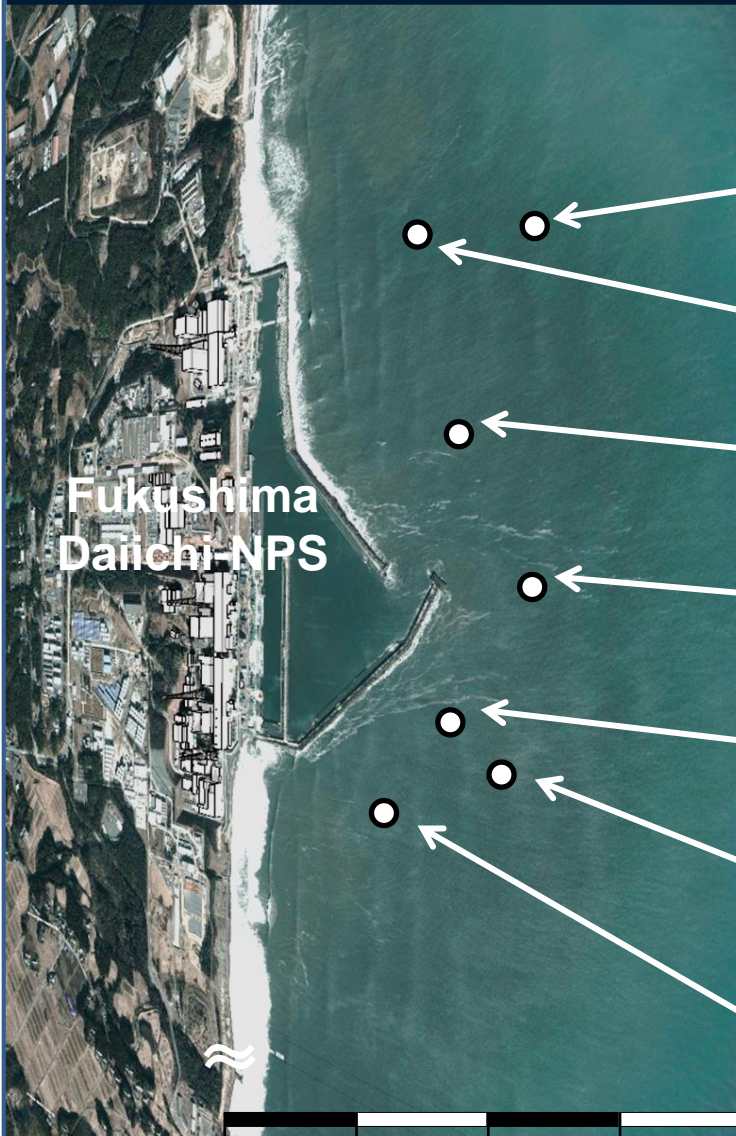
ND: Not detected; Numbers in parentheses: detection limits

\*1: Gross  $\beta$  including K-40 \*2: Gross  $\beta$  excluding K-40

T-1	2016/7/25	ND(0.63)	ND(0.59)	13 <sup>*1</sup>	In progress				
	2016/7/18	ND(0.61)	ND(0.68)	14 <sup>*1</sup>	ND(1.7)				
	2016/7/11	ND(0.50)	ND(0.59)	11 <sup>*1</sup>	ND(1.9)				
	2016/7/4	ND(0.60)	ND(0.58)	7.3 <sup>*1</sup>	ND(1.5)				
	2016/6/27	ND(0.58)	ND(0.68)	12 <sup>*1</sup>	ND(1.5)				
	2016/6/6	ND(0.67)	ND(0.69)	14 <sup>*1</sup>	ND(1.8)	0.0097	ND(1.6)		
	2016/4/11	ND(0.70)	ND(0.62)	11 <sup>*1</sup>	ND(1.7)			ND( $4.7 \times 10^{-6}$ )	( $6.1 \pm 1.7$ ) $\times 10^{-6}$
F-P02	2016/6/15	ND(0.054)	0.092	0.07 <sup>*2</sup>	ND(0.35)	In progress		In progress	In progress
	2016/5/16	ND(0.055)	ND(0.049)	0.02 <sup>*2</sup>	ND(0.50)	0.001		ND( $7.0 \times 10^{-6}$ )	ND( $7.0 \times 10^{-6}$ )
	2016/4/20	ND(0.058)	ND(0.050)	0.03 <sup>*2</sup>	0.39	0.001		ND( $7.0 \times 10^{-6}$ )	ND( $7.0 \times 10^{-6}$ )
F-P03	2016/6/15	ND(0.064)	ND(0.060)	0.02 <sup>*2</sup>	ND(0.35)	In progress		In progress	In progress
	2016/5/16	ND(0.062)	ND(0.048)	0.02 <sup>*2</sup>	ND(0.51)	0.001		$1.0 \times 10^{-5}$	ND( $1.0 \times 10^{-5}$ )
	2016/4/20	ND(0.056)	ND(0.051)	0.03 <sup>*2</sup>	ND(0.35)	0.001		ND( $6.0 \times 10^{-6}$ )	ND( $6.0 \times 10^{-6}$ )
F-P01	2016/6/15	ND(0.048)	ND(0.050)	0.04 <sup>*2</sup>	ND(0.34)	In progress		In progress	In progress
	2016/5/16	ND(0.058)	ND(0.043)	0.02 <sup>*2</sup>	ND(0.50)	0.001		ND( $6.0 \times 10^{-6}$ )	ND( $6.0 \times 10^{-6}$ )
	2016/4/20	ND(0.047)	ND(0.050)	0.03 <sup>*2</sup>	ND(0.35)	0.001		ND( $7.0 \times 10^{-6}$ )	ND( $7.0 \times 10^{-6}$ )
T-2-1	2016/7/25	ND(0.71)	ND(0.71)	10 <sup>*1</sup>	In progress				
	2016/7/18	ND(0.58)	ND(0.53)	15 <sup>*1</sup>	ND(1.7)				
	2016/7/11	ND(0.71)	ND(0.63)	11 <sup>*1</sup>	ND(1.9)				
	2016/7/4	ND(0.75)	ND(0.70)	10 <sup>*1</sup>	ND(1.5)				
	2016/6/27	ND(0.54)	ND(0.66)	9.4 <sup>*1</sup>	ND(1.5)				
	2016/6/6	ND(0.51)	ND(0.60)	11 <sup>*1</sup>	ND(1.8)	ND(0.0065)	ND(1.5)		
	2016/4/11	ND(0.79)	ND(0.76)	11 <sup>*1</sup>	ND(1.7)			ND( $4.9 \times 10^{-6}$ )	( $5.1 \pm 1.5$ ) $\times 10^{-6}$

0 0.5 1km

# Sea area within 2km radius from the NPS (2)



Fukushima  
Daiichi NPS

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$ *	H-3	Sr-90
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

\*: Gross  $\beta$  including K-40

T-0-1A	2016/7/25	ND(0.75)	ND(0.73)	ND(17)	In progress	
	2016/7/18	ND(0.73)	ND(0.78)	ND(18)	ND(1.9)	
	2016/7/11	ND(0.52)	ND(0.69)	ND(17)	ND(1.6)	
	2016/7/4	ND(0.74)	ND(0.69)	ND(17)	ND(1.6)	
T-0-1	2016/6/27	ND(0.70)	ND(0.73)	ND(16)	ND(1.7)	
	2016/7/25	ND(0.68)	ND(0.63)	ND(17)	In progress	
	2016/7/18	ND(0.62)	ND(0.53)	ND(18)	ND(1.9)	
	2016/7/11	ND(0.67)	ND(0.58)	ND(17)	ND(1.6)	
M-101	2016/7/4	ND(0.74)	ND(0.74)	ND(17)	ND(1.6)	
	2016/6/27	ND(0.64)	ND(0.78)	ND(16)	ND(1.7)	
	2016/6/15	0.0024	0.012		In progress	In progress
	2016/5/18	0.0027	0.013		0.089	In progress
	2016/4/27	0.0015	0.0068		0.096	In progress
T-0-2	2016/3/3	0.012	0.063		0.14	In progress
	2016/2/3	0.0080	0.042		0.10	In progress
	2016/1/13	0.011	0.054		0.17	0.0036
	2016/7/25	ND(0.75)	ND(0.68)	ND(17)	In progress	
M-102	2016/7/18	ND(0.72)	ND(0.64)	ND(18)	ND(1.9)	
	2016/7/11	ND(0.75)	ND(0.64)	ND(17)	ND(1.6)	
	2016/7/4	ND(0.84)	ND(0.73)	ND(17)	ND(1.6)	
	2016/6/27	ND(0.74)	ND(0.74)	ND(16)	ND(1.7)	
T-0-3A	2016/6/16	0.0060	0.038		In progress	In progress
	2016/5/19	0.0050	0.029		0.12	In progress
	2016/4/27	0.0023	0.013		0.14	In progress
	2016/3/2	0.0095	0.052		0.15	In progress
	2016/2/4	0.0052	0.024		0.080	In progress
T-0-3	2016/1/14	0.0050	0.026		0.10	0.0015
	2016/7/25	ND(0.66)	ND(0.67)	ND(17)	In progress	
	2016/7/18	ND(0.85)	ND(0.69)	ND(18)	ND(1.9)	
	2016/7/11	ND(0.85)	ND(0.74)	ND(17)	ND(1.6)	
T-0-3	2016/7/4	ND(0.75)	ND(0.67)	ND(17)	ND(1.6)	
	2016/6/27	ND(0.55)	ND(0.78)	ND(16)	ND(1.7)	
	2016/7/25	ND(0.76)	ND(0.58)	ND(17)	In progress	
	2016/7/18	ND(0.73)	ND(0.76)	ND(18)	ND(1.9)	
T-0-3	2016/7/11	ND(0.76)	ND(0.65)	ND(17)	ND(1.6)	
	2016/7/4	ND(0.61)	ND(0.68)	ND(17)	ND(1.6)	
	2016/6/27	ND(0.53)	ND(0.67)	ND(16)	ND(1.7)	

0 0.5 1km



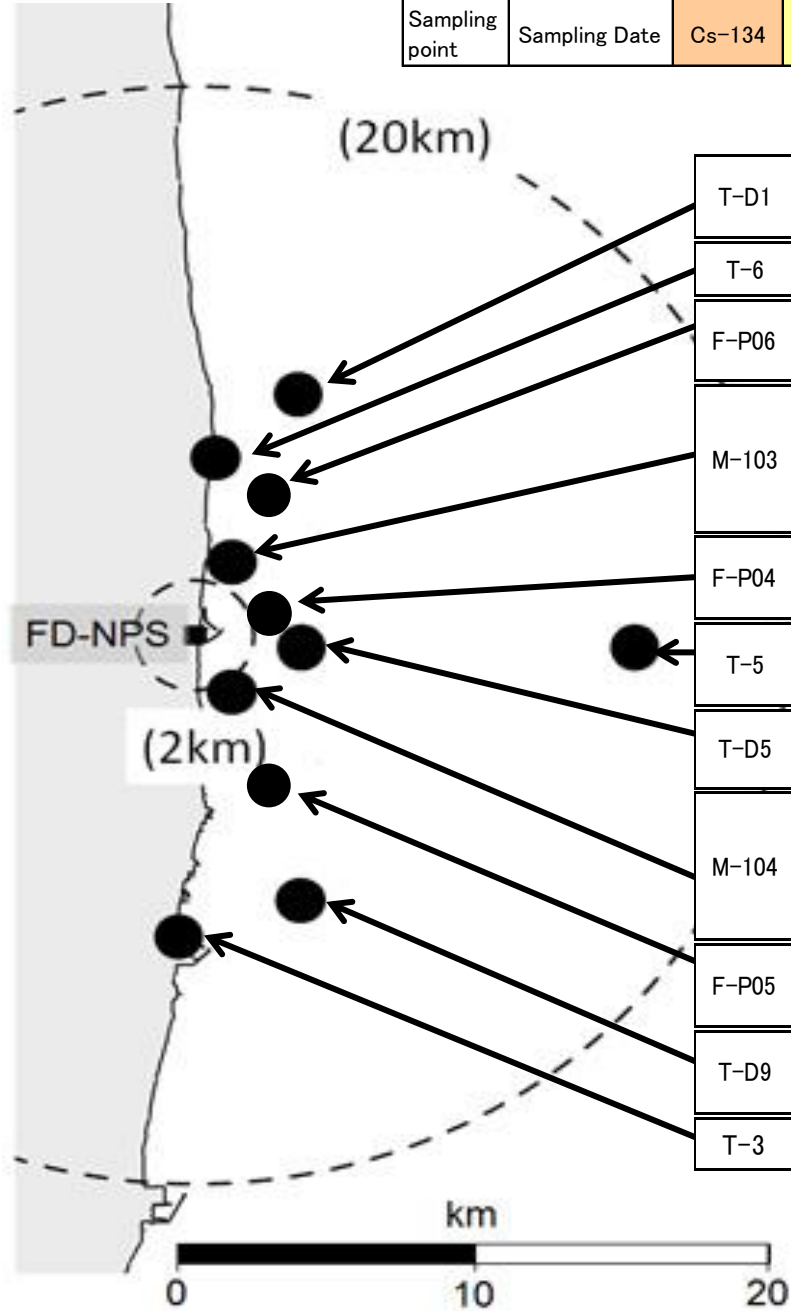
# Sea area between 2-20km radius from the NPS (1)

Sampling point	Sampling Date	Cs-134	Cs-137	Gross $\beta$	H-3	Sr-90	Gross $\alpha$	Pu-238	Pu-239+240	S	S:2m below sea level
											Depth(m) from sea level

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

\*1: Gross  $\beta$  including K-40 \*2: Gross  $\beta$  excluding K-40



T-D1	2016/6/21	ND(0.0033)	0.015	ND(17)* <sup>1</sup>	ND(0.36)						S
	2016/6/6	ND(0.0011)	0.0058	ND(17)* <sup>1</sup>	ND(0.35)	ND(0.0078)	ND(1.5)				S
	2016/4/5	0.0027	0.014	ND(18)* <sup>1</sup>	ND(0.35)	ND(0.0078)	ND(1.9)	ND(5.5 × 10 <sup>-6</sup> )	(7.2 ± 2.0) × 10 <sup>-6</sup>		S
T-6	2016/6/21	0.0066	0.040	ND(16)* <sup>1</sup>	ND(0.37)						S
	2016/6/7	0.0026	0.016	ND(17)* <sup>1</sup>	ND(0.32)						S
F-P06	2016/6/15	ND(0.072)	ND(0.061)	0.03* <sup>2</sup>	ND(0.34)	In progress			In progress	In progress	S
	2016/5/16	ND(0.063)	ND(0.054)	0.02* <sup>2</sup>	ND(0.50)	0.001			ND(9.0 × 10 <sup>-6</sup> )	ND(7.0 × 10 <sup>-6</sup> )	S
	2016/4/20	ND(0.053)	ND(0.053)	0.03* <sup>2</sup>	ND(0.35)	0.001			ND(6.0 × 10 <sup>-6</sup> )	ND(6.0 × 10 <sup>-6</sup> )	S
M-103	2016/6/15	0.0032	0.017			In progress	In progress				0.5m
	2016/5/18	0.0013	0.0082		0.065	In progress					0.5m
	2016/4/27	0.0012	0.0071		0.11	In progress					0.5m
	2016/3/3	0.0032	0.018		0.089	In progress					0.5m
	2016/2/3	0.0053	0.029		0.11	In progress					0.5m
2016/1/13	0.0031	0.015		0.087	0.0016					0.5m	
F-P04	2016/6/15	ND(0.053)	ND(0.051)	0.03* <sup>2</sup>	ND(0.35)	In progress			In progress	In progress	S
	2016/5/16	ND(0.052)	ND(0.042)	0.02* <sup>2</sup>	ND(0.50)	0.001			ND(8.0 × 10 <sup>-6</sup> )	ND(8.0 × 10 <sup>-6</sup> )	S
	2016/4/20	ND(0.054)	ND(0.048)	0.02* <sup>2</sup>	0.38	0.001			ND(7.0 × 10 <sup>-6</sup> )	ND(7.0 × 10 <sup>-6</sup> )	S
T-5	2016/6/21	ND(0.0013)	0.0090	ND(17)* <sup>1</sup>	ND(0.36)						S
	2016/6/7	ND(0.0014)	0.0032	ND(18)* <sup>1</sup>	ND(0.36)	ND(0.0086)	ND(1.5)				S
	2016/4/5	ND(0.0011)	0.0055	ND(18)* <sup>1</sup>	ND(0.35)	ND(0.0064)	ND(1.6)	ND(5.2 × 10 <sup>-6</sup> )	ND(5.2 × 10 <sup>-6</sup> )		S
T-D5	2016/6/21	0.0042	0.0024	ND(17)* <sup>1</sup>	ND(0.36)						S
	2016/6/6	ND(0.0014)	0.0037	ND(17)* <sup>1</sup>	ND(0.35)	ND(0.0068)	ND(1.5)				S
	2016/4/5	0.0018	0.012	ND(18)* <sup>1</sup>	ND(0.35)	ND(0.0075)	ND(1.9)	ND(5.4 × 10 <sup>-6</sup> )	ND(5.7 × 10 <sup>-6</sup> )		S
M-104	2016/6/16	0.0021	0.011			In progress	In progress				0.5m
	2016/5/19	0.0012	0.0066		0.074	In progress					0.5m
	2016/4/27	0.00098	0.0067		0.079	In progress					0.5m
	2016/3/2	0.0033	0.019		0.094	In progress					0.5m
	2016/2/4	0.0051	0.028		0.084	In progress					0.5m
2016/1/14	0.0045	0.022		0.11	0.0017					0.5m	
F-P05	2016/6/15	ND(0.055)	ND(0.050)	0.03* <sup>2</sup>	ND(0.35)	In progress			In progress	In progress	S
	2016/5/16	ND(0.066)	ND(0.048)	0.02* <sup>2</sup>	ND(0.50)	0.001			ND(7.0 × 10 <sup>-6</sup> )	ND(7.0 × 10 <sup>-6</sup> )	S
	2016/4/20	ND(0.054)	ND(0.051)	0.03* <sup>2</sup>	ND(0.34)	0.001			ND(7.0 × 10 <sup>-6</sup> )	ND(7.0 × 10 <sup>-6</sup> )	S
T-D9	2016/6/21	0.0015	0.0098	ND(17)* <sup>1</sup>	ND(0.36)						S
	2016/6/7	ND(0.0014)	0.0041	ND(18)* <sup>1</sup>	ND(0.36)	ND(0.0085)	ND(1.5)				S
	2016/4/5	0.0015	0.010	ND(18)* <sup>1</sup>	ND(0.35)	ND(0.0076)	ND(1.6)	ND(4.9 × 10 <sup>-6</sup> )	ND(4.9 × 10 <sup>-6</sup> )		S
T-3	2016/6/21	0.011	0.047	ND(17)* <sup>1</sup>	ND(0.30)						S
	2016/6/7	0.0074	0.033	ND(17)* <sup>1</sup>	ND(0.32)						S

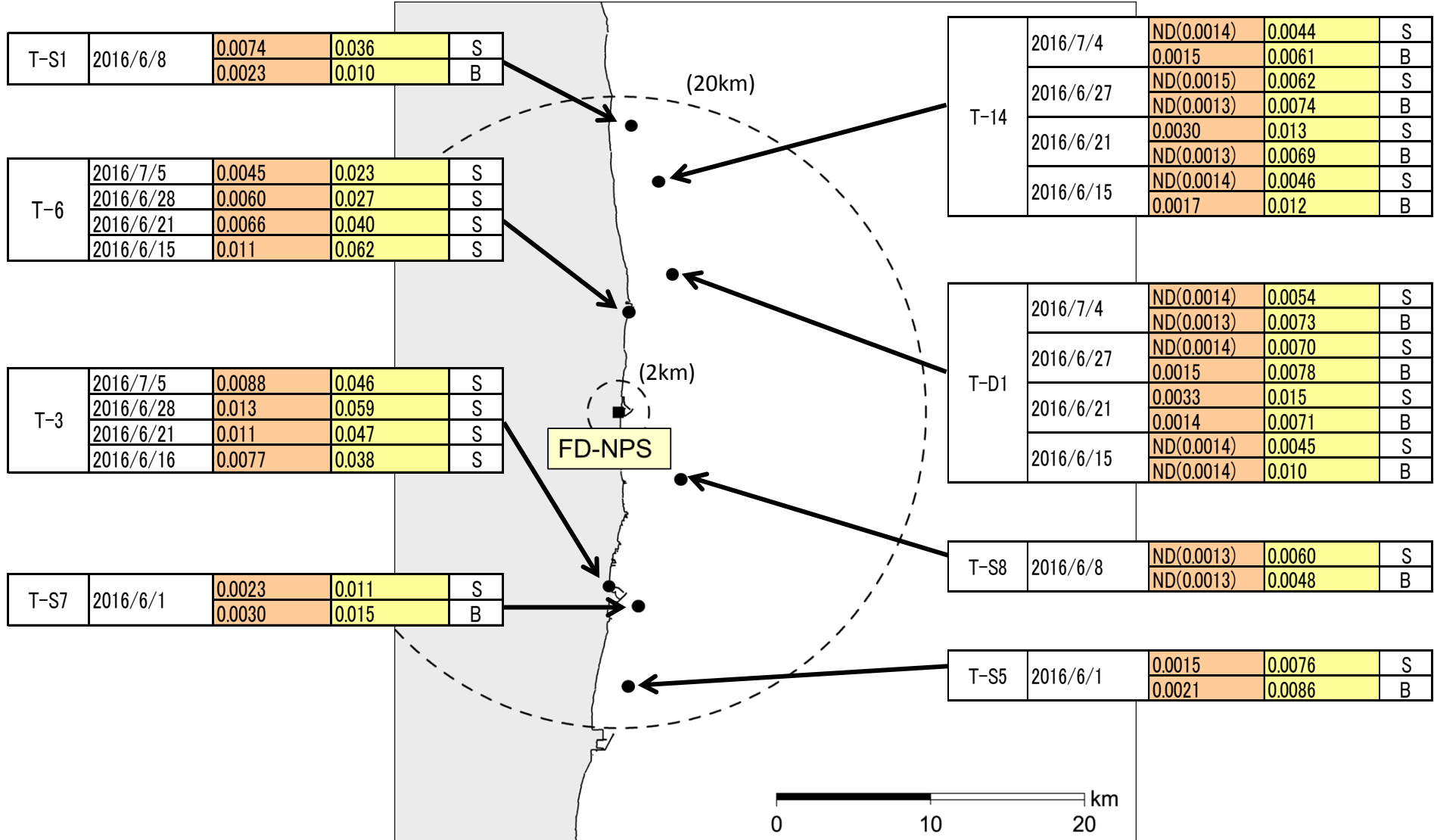
# Sea area between 2-20km radius from the NPS (2)

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
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S: 2m below sea level  
B: 2-3m above sea bottom

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits



T-S1	2016/6/8	0.0074	0.036	S
		0.0023	0.010	B

T-6	2016/7/5	0.0045	0.023	S
	2016/6/28	0.0060	0.027	S
	2016/6/21	0.0066	0.040	S
	2016/6/15	0.011	0.062	S

T-3	2016/7/5	0.0088	0.046	S
	2016/6/28	0.013	0.059	S
	2016/6/21	0.011	0.047	S
	2016/6/16	0.0077	0.038	S

T-S7	2016/6/1	0.0023	0.011	S
		0.0030	0.015	B

T-14	2016/7/4	ND(0.0014)	0.0044	S
	2016/6/27	0.0015	0.0061	B
		ND(0.0015)	0.0062	S
	2016/6/21	ND(0.0013)	0.0074	B
0.0030		0.013	S	
2016/6/15	ND(0.0013)	0.0069	B	
	ND(0.0014)	0.0046	S	
		0.0017	0.012	B

T-D1	2016/7/4	ND(0.0014)	0.0054	S
	2016/6/27	ND(0.0013)	0.0073	B
		ND(0.0014)	0.0070	S
	2016/6/21	0.0015	0.0078	B
0.0033		0.015	S	
2016/6/15	0.0014	0.0071	B	
	ND(0.0014)	0.0045	S	
		ND(0.0014)	0.010	B

T-S8	2016/6/8	ND(0.0013)	0.0060	S
		ND(0.0013)	0.0048	B

T-S5	2016/6/1	0.0015	0.0076	S
		0.0021	0.0086	B

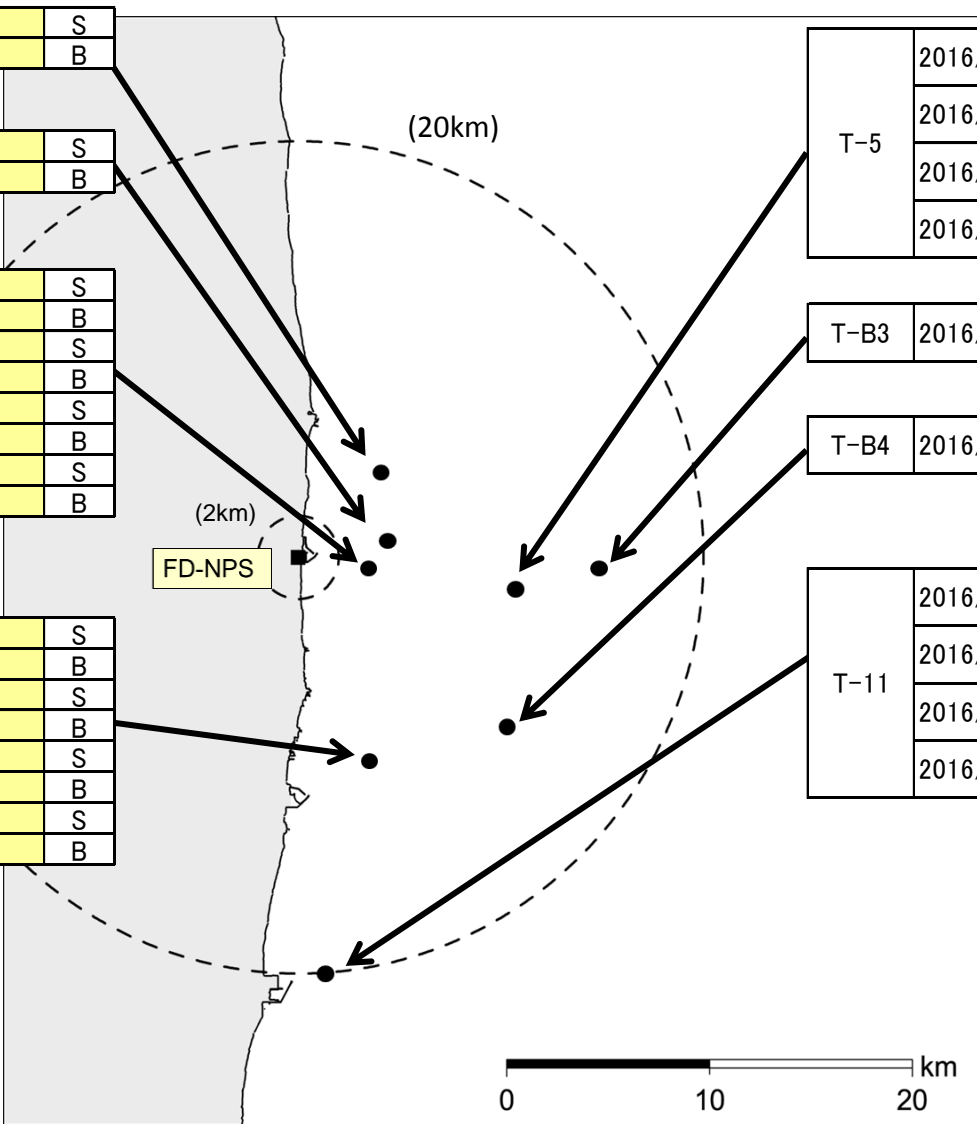
# Sea area between 2-20km radius from the NPS (3)

Sampling point	Sampling Date	Cs-134	Cs-137	S/B
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S: 2m below sea level  
B: 2-3m above sea bottom

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits



T-S3	2016/6/8	ND(0.0016)	0.0063	S
		ND(0.0013)	0.0044	B

T-S4	2016/6/8	ND(0.0013)	0.0056	S
		ND(0.0015)	0.0060	B

T-D5	2016/7/4	0.0020	0.013	S
		ND(0.0013)	0.0072	B
	2016/6/27	0.0028	0.015	S
		0.0017	0.011	B
	2016/6/21	0.0042	0.024	S
		0.0030	0.016	B
	2016/6/15	ND(0.0013)	0.0067	S
		0.0018	0.01	B

T-D9	2016/7/4	ND(0.0014)	0.0075	S
		0.0018	0.0092	B
	2016/6/28	0.0018	0.011	S
		0.0014	0.0077	B
	2016/6/21	0.0015	0.0098	S
		0.0024	0.013	B
	2016/6/16	0.0030	0.019	S
		0.0026	0.016	B

T-5	2016/7/4	ND(0.0012)	0.0056	S
		ND(0.0014)	0.0034	B
	2016/6/28	ND(0.0012)	0.0041	S
		ND(0.0014)	0.0027	B
	2016/6/21	ND(0.0013)	0.0090	S
		ND(0.0013)	0.0038	B
	2016/6/16	ND(0.0014)	0.0031	S
		ND(0.0014)	0.0050	B

T-B3	2016/6/20	0.0030	0.019	S
		ND(0.0013)	0.0050	B

T-B4	2016/6/20	ND(0.0015)	0.0066	S
		ND(0.0014)	0.0036	B

T-11	2016/7/4	0.0018	0.011	S
		0.0019	0.011	B
	2016/6/28	ND(0.0013)	0.0073	S
		ND(0.0013)	0.0076	B
	2016/6/21	0.0020	0.015	S
		0.0016	0.012	B
	2016/6/16	0.0018	0.012	S
		ND(0.0012)	0.0078	B

# Sea area between 20-100km radius from the NPS(1)

Sampling point	Sampling Date	Cs-134	Cs-137	Sr-90	S/B	S:2m below sea level	B:2-3m above sea bottom
					Depth(m) from sea level		

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

T-MA	2016/6/13	ND(0.0013)	0.0043		S
		ND(0.0014)	0.0035		B

T-13-1	2016/6/13	ND(0.0017)	0.0047		S
		0.0013	0.0051		B

T-7	2016/6/23	ND(0.0013)	0.0027		S
		ND(0.0013)	0.0039		B

T-4	2016/7/5	0.0092	0.044		S
	2016/6/28	0.0060	0.032		S
	2016/6/21	0.0078	0.035		S
	2016/6/14	0.0074	0.034		S

T-12	2016/6/16	ND(0.0013)	0.0040		S
		0.0018	0.013		B

T-17-1	2016/6/16	0.0026	0.014		S
		0.0021	0.013		B

M-C1	2016/2/3	0.00096	0.0051		1m
		0.00074	0.0051		49m

T-B1	2016/7/5	ND(0.0014)	0.0034		S
		ND(0.0014)	0.0058		B
	2016/6/10	ND(0.0014)	0.0028		S
		ND(0.0013)	0.0025		B

M-D1	2016/2/1	0.00038	0.0029		1m
		0.00029	0.0027		50m
		0.00025	0.0022		113m

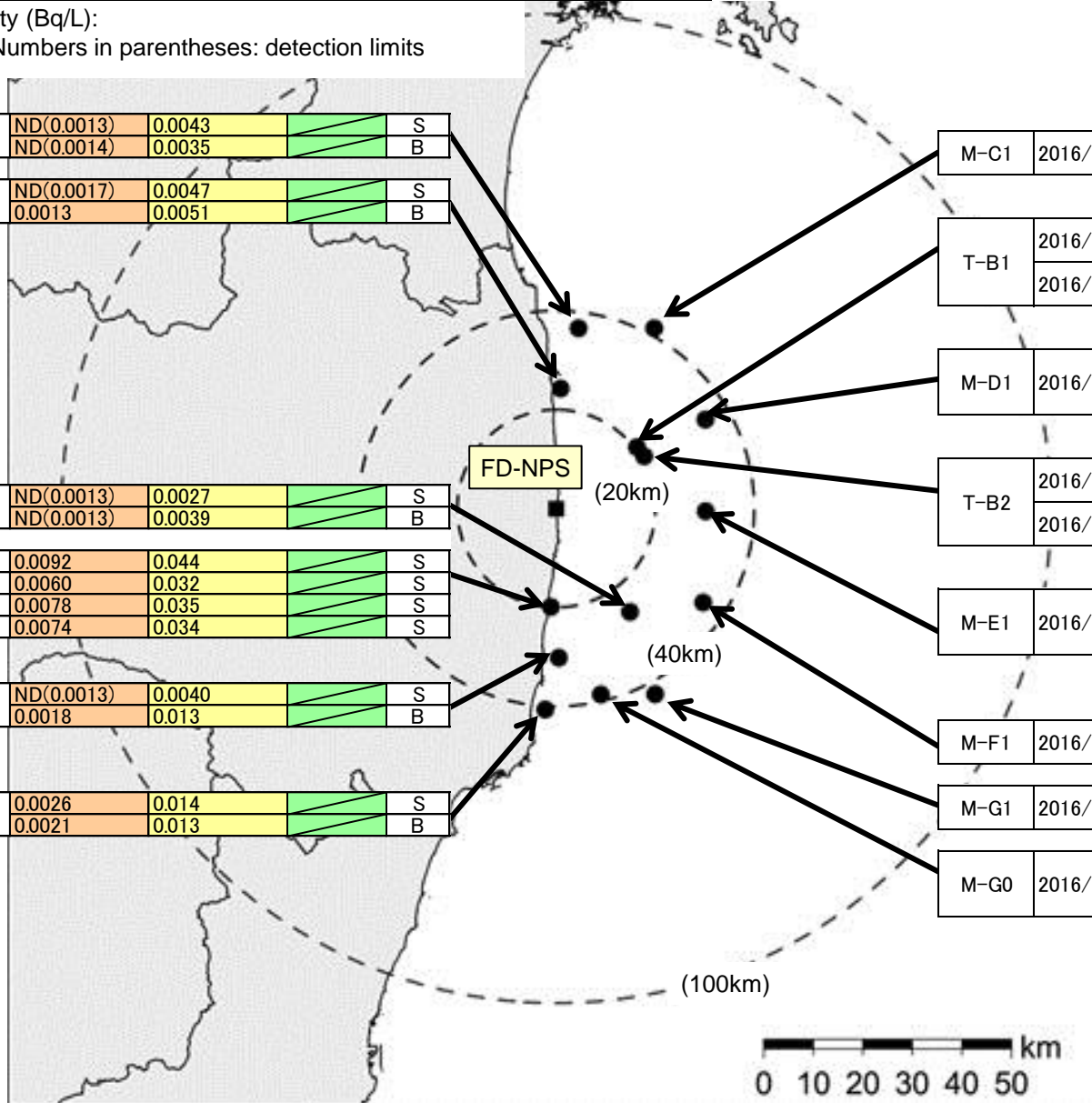
T-B2	2016/7/5	ND(0.0014)	0.0028		S
		ND(0.0015)	0.0064		B
	2016/6/10	ND(0.0014)	0.0028		S
		ND(0.0013)	0.0022		B

M-E1	2016/1/26	0.00024	0.0018		1m
		0.00017	0.0021		50m
		0.00026	0.0020		129m

M-F1	2016/1/25	0.00015	0.0019		1m
		0.00022	0.0020		133m

M-G1	2016/1/24	0.00025	0.0023		1m
		0.00022	0.0022		130m

M-G0	2016/1/24	0.00018	0.0024		1m
		0.00035	0.0025		50m
		0.00028	0.0025		100m



# Sea area between 20-100km radius from the NPS(2)

Sampling point	Sampling Date	Cs-134	Cs-137	Grossβ *	H-3	Sr-90	S/B	
							S: 2m below sea level	B: 2-3m above sea bottom
							Depth(m) from sea level	

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

\*Gross β excluding K-40

M-C3	2016/5/31	In progress	In progress	0.025	0.090	In progress	1m
		0.00017	0.0020	0.024	0.091	0.0018	1m
	2016/2/1	0.00014	0.0018				50m
		0.00017	0.0019				123m

T-22	2016/6/13	ND(0.0015)	0.0068				S
		ND(0.0014)	0.0049				B

M-D3	2016/5/31	In progress	In progress	0.026	0.079	In progress	1m
		0.00013	0.0018	0.029	0.076	0.0013	1m
	2016/2/1	0.00013	0.0018				100m
		ND(0.00015)	0.0019				211m

M-F3	2016/5/27	In progress	In progress	0.025	0.080	In progress	1m
		0.00019	0.0019	0.023	0.085	0.0015	1m
	2016/2/2	ND(0.00015)	0.0018				100m
		ND(0.00014)	0.0017				221m

T-18	2016/6/23	ND(0.0012)	0.0052				S
		ND(0.0013)	0.0085				B

T-20	2016/6/16	ND(0.0014)	0.0061				S
		ND(0.0013)	0.0055				B

T-M10	2016/6/23	ND(0.0012)	0.0029				S
		ND(0.0012)	0.0027				B

M-E3	2016/5/28	In progress	In progress	0.027	0.069	In progress	1m
		0.00018	0.0020	0.029	0.097	0.0012	1m
	2016/2/2	0.00018	0.0019				100m
		0.00021	0.0019				221m

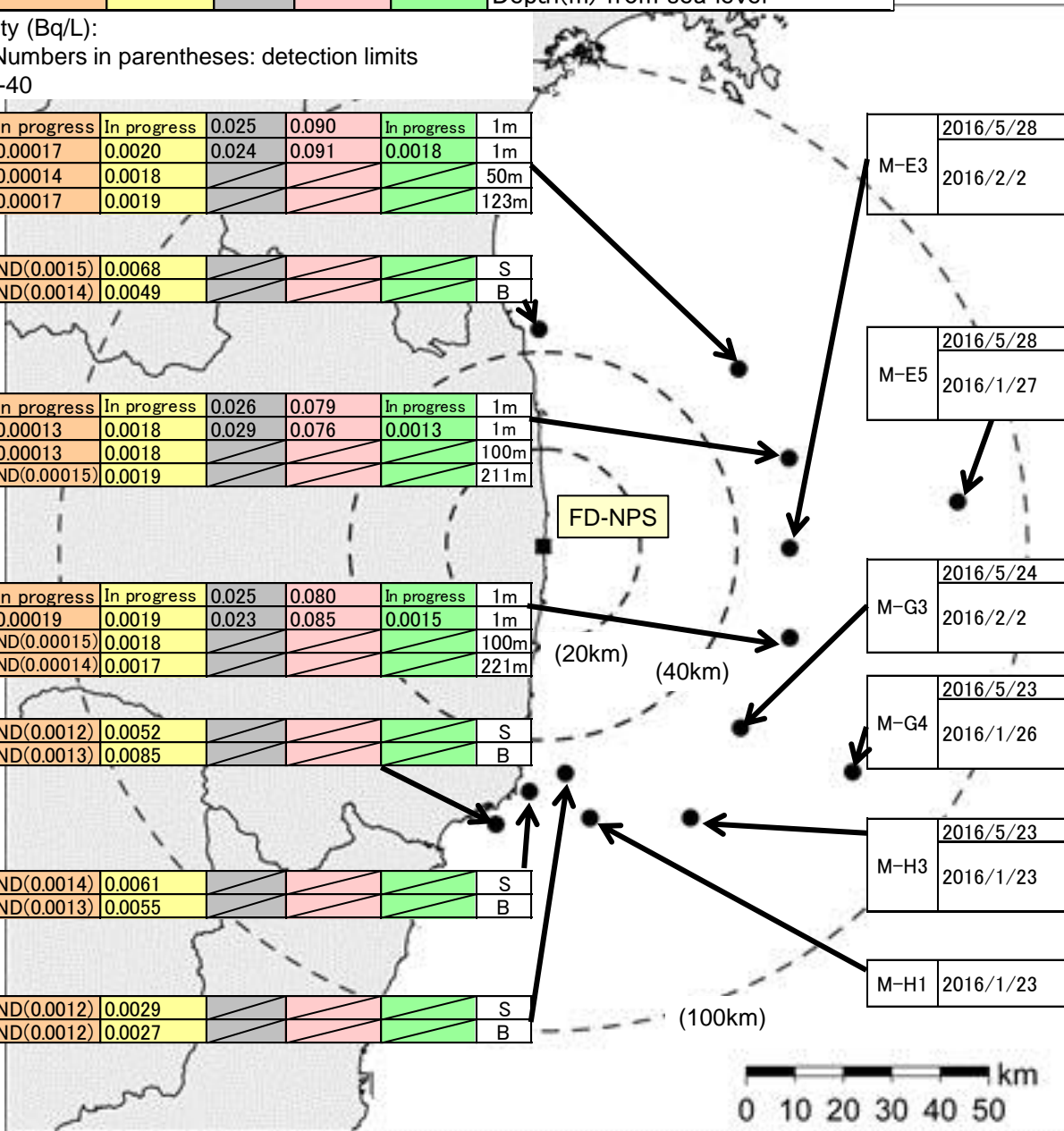
M-E5	2016/5/28	In progress	In progress	0.024	0.053	In progress	1m
		0.00017	0.0021	0.032	0.065	0.0020	1m
	2016/1/27	ND(0.00017)	0.0021				100m
ND(0.000079)		0.00072				520m	

M-G3	2016/5/24	In progress	In progress	0.027	0.072	In progress	1m
		0.00018	0.0019	0.025	0.076	0.0015	1m
	2016/2/2	ND(0.00015)	0.0020				100m
0.00017		0.0019				200m	

M-G4	2016/5/23	In progress	In progress	0.029	0.057	In progress	1m
		0.00018	0.0019	0.029	0.058	0.0017	1m
	2016/1/26	ND(0.00017)	0.0020				100m
ND(0.000090)		0.00050				645m	

M-H3	2016/5/23	In progress	In progress	0.028	0.072	In progress	1m
		ND(0.00016)	0.0020	0.027	0.065	ND(0.00062)	1m
	2016/1/23	0.00018	0.0020				100m
ND(0.00015)		0.0019				224m	

M-H1	2016/1/23	0.00039	0.0029				1m
		0.00079	0.0040				125m



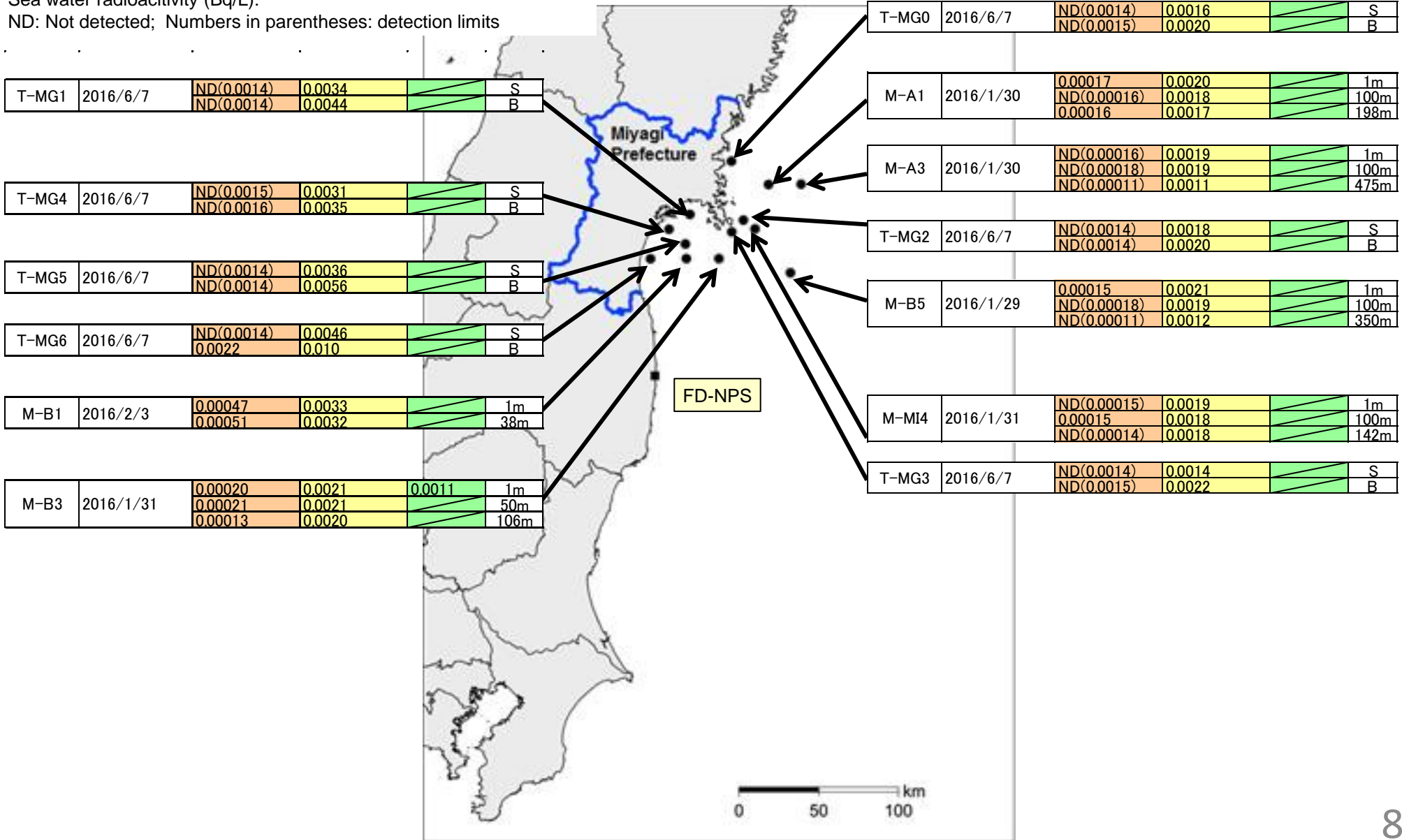


# Sea area along and off the coast of Miyagi Prefecture

Sampling point	Sampling Date	Cs-134	Cs-137	Sr-90	S/B
					S:2m below sea level B:2-3m above sea bottom
					Depth(m) from sea level

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

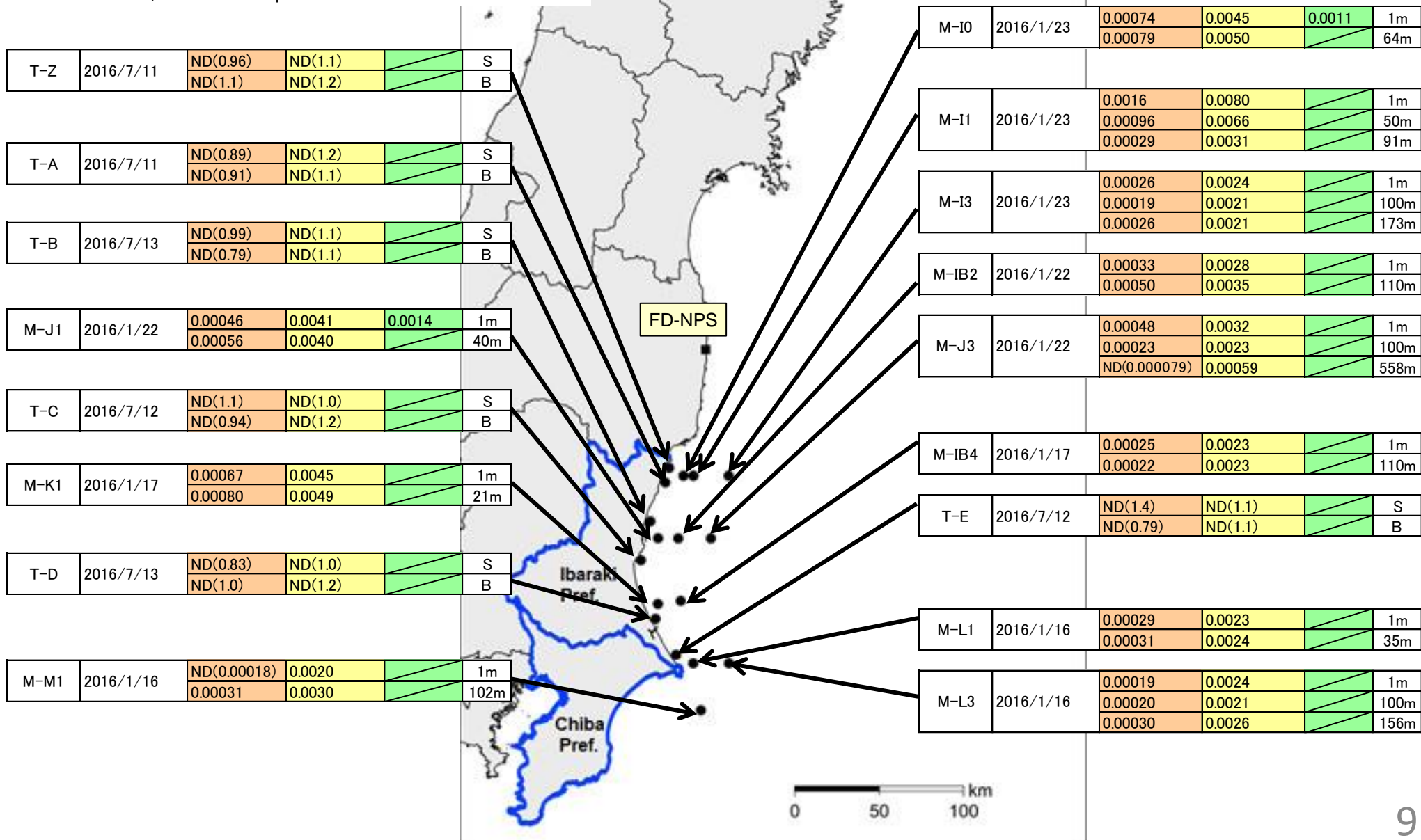


# Sea area along and off the coast of Ibaraki Pref. and Chiba Pref.

Sampling point	Sampling Date	Cs-134	Cs-137	Sr-90	S/B
					S:2m below sea level B:2-3m above sea bottom
					Depth(m) from sea level

Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits



# Open sea off the coast of Eastern Japan

Sampling point	Sampling Date	Cs-134	Cs-137	Depth(m) from sea level
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Sea water radioactivity (Bq/L):

ND: Not detected; Numbers in parentheses: detection limits

M-10	2015/10/21	ND(0.00077)	0.0020	1m
		ND(0.00071)	0.0023	100m
		ND(0.00084)	0.0023	200m
		ND(0.00080)	0.0023	300m
		ND(0.00072)	0.0011	500m

M-14	2015/10/27	ND(0.00068)	0.0026	1m
		ND(0.00065)	0.0028	100m
		ND(0.00064)	0.0021	200m
		ND(0.00066)	0.0017	300m
		ND(0.00075)	0.00097	500m

M-19	2015/10/23	ND(0.00061)	0.0019	1m
		ND(0.00066)	0.0028	100m
		ND(0.00063)	0.0023	200m
		ND(0.00056)	0.0018	300m
		ND(0.00070)	0.00096	500m

M-20	2015/10/22	ND(0.00060)	0.0022	1m
		ND(0.00067)	0.0024	100m
		ND(0.00075)	0.0030	200m
		ND(0.00074)	0.0036	300m
		ND(0.00070)	0.0017	500m

M-25	2015/10/23	ND(0.00067)	0.0019	1m
		ND(0.00066)	0.0022	100m
		ND(0.00070)	0.0032	200m
		ND(0.00064)	0.0020	300m
		ND(0.00062)	0.00093	500m

M-11	2015/10/20	ND(0.00064)	0.0023	1m
		ND(0.00063)	0.0025	100m
		ND(0.00061)	0.0022	200m
		ND(0.00059)	0.0018	300m
		ND(0.00061)	0.0012	500m

M-15	2015/10/20	ND(0.00061)	0.0015	1m
		ND(0.00067)	0.0019	100m
		ND(0.00064)	0.0022	200m
		ND(0.00064)	0.0015	300m
		ND(0.00065)	0.00090	500m

M-21	2015/10/22	ND(0.00058)	0.0017	1m
		ND(0.00061)	0.0021	100m
		0.00071	0.0033	200m
		ND(0.00063)	0.0027	300m
		ND(0.00061)	0.0012	500m

M-26	2015/10/24	ND(0.00078)	0.0021	1m
		ND(0.00063)	0.0021	100m
		ND(0.00073)	0.0032	200m
		ND(0.00065)	0.0037	300m
		ND(0.00069)	0.0030	500m

M-27	2015/10/24	ND(0.00075)	0.0019	1m
		ND(0.00077)	0.0024	100m
		ND(0.00083)	0.0033	200m
		ND(0.00078)	0.0037	300m
		ND(0.00083)	0.0033	500m

